

ASPPH | CDC

# Public Health Fellowship Program

PROGRAM ANNOUNCEMENT

2026



ASPPH APPLIED LEARNING AND TRAINING  
PROGRAMS



CENTER FOR PUBLIC HEALTH  
**WORKFORCE  
DEVELOPMENT**  
ASPPH

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## ASPPH/CDC Public Health Fellowship Program Program Announcement

The ASPPH/CDC Public Health Fellowship Program is a collaborative effort between the Association of Schools and Programs of Public Health (ASPPH) and the Centers for Disease Control and Prevention (CDC). As part of the Public Health Leadership and Education, Advancing Health Equity and Data Science (PH LEADS) program, the fellowship is committed to increasing the number of public health professionals with applied training and experience.

The Program's purpose is to support relevant, mentored learning opportunities for early-career professionals with graduate degrees in public health (Master's and Doctoral levels). This next generation of public health leaders will have the opportunity to round out their academic training, gain practical public health experience through exposure to state-of-the-art technology and databases, acquire skills and knowledge to enhance their careers, and interact with technical experts in their chosen fields. Fellowship tracks for the 2026 cycle include Health Education and Core Public Health.

Upon completion of the ASPPH/CDC Public Health Fellowship Program, participants will have made meaningful contributions to national public health projects aligned with the CDC's mission and will have developed a strong skill set that lays the foundation for their public health careers. Completing the ASPPH/CDC Public Health Fellowship Program does not guarantee full-time employment at CDC or any other federal agency.

### Eligibility

To be eligible, applicants must have received their Master's or Doctorate degree prior to the beginning of the fellowship (no later than August 2026) or within the last five years (no earlier than May 2021). Graduate degrees must be earned from CEPH-accredited public health programs that are [ASPPH members](#). All applicants must be U.S. citizens or hold a visa permitting lawful permanent residence ("Green Card") in the U.S. to be eligible for the fellowship program.

### Period of Performance

Fellowship placements are full-time, one-year training opportunities beginning in September 2026. Pending the availability of funds and satisfactory progress by the fellow, positions may be extended.

### Location

Most fellowship opportunities will be based in Atlanta, Georgia; one position will be based in Morgantown, WV; and some will offer remote and/or hybrid work options. Project descriptions will note if that is an option. Remote work is not guaranteed, and the frequency of in-person work will be at the discretion of each fellow's assigned mentor. If the host office requires program participants to relocate to the fellowship location, relocation expenses will not be reimbursed.

### Stipend and Allowances

The annual training stipend for fellowship placements is \$64,625 for Master's-level candidates and \$78,189 for candidates with terminal graduate degrees (MD, PhD, DrPH, JD, etc.). The fellowship stipend is intended to assist with personal living expenses. In addition to the fellowship stipend, program participants will have access to a \$7,500 health insurance allowance intended to help offset the costs of health/dental/vision

insurance premiums during the one-year fellowship period. Some positions, not all, may also offer a “travel/training allowance” that may be used to cover project-related travel, tuition, journal subscriptions, association dues, etc. Not all positions will receive a travel/training allowance. The need for a travel/training allowance is determined by each individual host office, not by ASPPH. If a travel/training allowance is available, it will be included in the formal fellowship offer.

## Fellowship Placements

Currently, 18 fellowship placements are available for the 2026 ASPPH/CDC Public Health Fellowship Program. The following is a breakdown of fellowship opportunities at each Center/Institute/Program Office (C/I/O) at CDC:

Fellowship Placement CIO	Track	Number of Placements
Center for Forecasting and Outbreak Analytics (CFA)	Core Public Health	1
Global Health Center (GHC)	Core Public Health	1
National Center for Chronic Disease Prevention and Health Promotion (NCCDPHP)	Core Public Health	4
National Center for Immunization and Respiratory Diseases (NCIRD)	Core Public Health	6
National Center for Injury Prevention and Control (NCIPC)	Health Education*	2
National Center on Birth Defects and Developmental Disabilities (NCBDDD)	Core Public Health	1
National Institute for Occupational Safety and Health (NIOSH)	Core Public Health	1
Office of Laboratory Systems and Response (OLSR)	Core Public Health (1) Health Education* (1)	2

## Application Procedure

Each applicant may apply for up to three (3) fellowship placements. Applications must be completed through the [ASPPH Applied Learning and Training Programs Online Application System](#). Incomplete or late applications will not be accepted.

**Application Deadline: 11:59:59 PM EST on Friday, March 13, 2026.**

## Application Instructions

The [ASPPH Applied Learning and Training Portal System](#) is a centralized application service that provides a secure, easy, and convenient way for students/graduates of ASPPH member schools and public health programs to apply to all ASPPH Applied Learning and Training Programs.

To begin your online application, please click the "Sign Up" button below the Login button to create a password-protected account. Signing up is free and easy. You can also log in on this page if you already have an account.

Each applicant may apply for up to three fellowship placements, as described in the 2026 Fellowship Project Descriptions on Page five. Please carefully read the instructions that appear throughout the online application system. After submission, applicants may edit applications by clicking on the pencil icon (  ) in the “My Status” section at any time before the application

deadline. The application may be edited as necessary at any time before the application deadline. If you edit your application, you must resubmit it by the deadline; otherwise, it will not be reviewed. Applications are reviewed only after the online application deadline has passed. Incomplete and late applications will not be accepted.

## Application Checklist

### Faculty Advisor name, phone number, and email address if you have not yet graduated

If you have not yet graduated, in Part 3 of the application, you will have the opportunity to generate an email to your Faculty Advisor at the same time as for your References. Verification of graduation date from your Faculty Advisor must be received by the application deadline.

### Resume/CV (PDF only)

### Name, phone number, and email address of two references who will write your letters of recommendation

Suggested references are individuals with whom the applicant has built a substantial relationship in the following areas: Academia, Public Health Practice, Volunteer or Community Service, or another professional who can effectively address the applicant's skills, qualities, and personal attributes.

In part three of the application, you can generate emails to your Faculty Advisor (if you have not yet graduated) and your References before submitting your application. If you do not click "Send Now" in the application, the emails will go out when you submit your application. The deadline for your Faculty Advisor and References to submit their pieces is the same as the application deadline below. Therefore, we recommend using the "Send Now" feature to send the emails before submitting your application, so they have time to complete your recommendations before the application deadline.

Letters of recommendation must be on the sender's official letterhead with an original signature and include the name, degree(s), title, institution, and contact information of the reference.

### Two Personal Essays

1. Explain how your personal and professional interests, strengths, and qualifications align with the specific fellowship placement(s) and track(s) you are applying to and describe how this opportunity will support your long-term career goals in public/population health. Applicants are encouraged to draw on a broad range of life and professional experiences that bring valuable perspectives and knowledge to the fellowship training area and to the field of public health more broadly. Be sure to highlight the unique attributes and experiences in your essay.
  - o Note: If you are applying for two (2) or more positions, address them each in separate essays – one per Fellowship Training Area. Max. 1,000 words per essay; PDF format.
2. This fellowship may involve placement within CDC headquarters or regional offices nationwide. The CDC is guided by a commitment to scientific integrity, ethical practice, and accountability in service to the public. As an early-career public health professional, describe a personal, academic, or professional experience in which you demonstrated honesty, integrity, or ethical decision-making. In your response, consider how you approached the situation, what actions you took to uphold ethical standards, and what you learned about the importance of maintaining trust and responsibility in public health work.
  - o Note: One essay only regardless of the number of positions applied to. Max. 850 words; PDF format.

### Unofficial Graduate Transcript (PDF only)

Note: If you are offered and accept a fellowship placement, you will be required to provide an official graduate transcript.

## Evaluation Criteria

The following criteria will be used to assess the applicant's preparedness and ability to engage fully in the fellowship program.

<b>Evaluation Criteria</b>	<b>Maximum Points</b>
Quality of Essays	<b>50</b>
Strength of Credentials	<b>20</b>
Previous Experience	<b>10</b>
Recommendations	<b>20</b>

## Review and Final Selection

In March/April, an Objective Review Committee will complete its review of applications against the criteria described above. Candidates receiving a high score in Objective Review will advance to Technical Review at CDC. In April/May, applicants will be contacted by CDC staff and/or ASPPH staff for a telephone interview, additional information, and/or clarification regarding application materials. All final selections will be made by late June. Applicants selected will be notified immediately by phone and email. All other applicants will be notified by email.

## Contact Information

For additional information, contact: [TrainingPrograms@aspph.org](mailto:TrainingPrograms@aspph.org)

# ASPPH/CDC Public Health Fellowship Program

## Project Descriptions

### Position #Y4-26-CFA-01

#### **CIO and Location:**

Center for Forecasting and Outbreak Analytics (CFA)  
Atlanta, GA (Roybal Campus)  
Full-Time Remote

#### **Track:**

Core Public Health

#### **Project Title:**

Improve Techniques for Operational Infectious Disease Forecasting and Mathematical/Network Modeling of Infectious Disease Dynamics

#### **Project Discipline Area(s):**

Data Science

#### **Purpose and Mission of Sponsoring CIO/program:**

The Center for Forecasting and Outbreak Analytics (CFA) harnesses cutting-edge analytics to improve response to public health emergencies. The center is advancing forecasting and outbreak analytics through predicting, informing, and innovating. We are developing disease forecasts, models, and simulation tools for public health decision-makers to better prepare for and respond to outbreaks. Our vision is to empower people to save lives and protect communities from health threats.

#### **Project Description:**

The Real Time Monitoring Branch's Forecasts Team is establishing an internal ensemble of forecasting models that build on successful approaches developed by external academic and private-sector modeling teams during previous outbreak responses and forecasting challenges. The overall goal of the project is to compare the performance of different forecasting approaches (modeling methods, data inputs, and inference strategies) in realistic epidemic scenarios. The fellow will use standardized data and metrics to evaluate model performance, assess existing models, propose improvements to existing tools, support the translation of high-accuracy models into carefully engineered software frameworks, and iteratively improve forecast performance by testing innovative solutions.

The fellow will work with Predict Team members who specialize in infectious disease forecasting and learn/apply cutting-edge approaches in Bayesian inference for dynamical simulation models, multi-signal data fusion, scalable computing, and software engineering. The fellow will also contribute to operational forecasting, including producing CDC's weekly COVID-19 ensemble forecasts.

In the mathematical and network modeling component, the fellow will advance understanding of infectious disease dynamics by developing and applying mathematical and network-based modeling techniques. The aim is to simulate the spread of infectious diseases within populations and evaluate the effectiveness of various intervention strategies.

The project involves the following key components:

- **Model Development:** Design mathematical and computational models to represent the transmission dynamics of infectious diseases, incorporating factors such as transmission rates, recovery probabilities, population heterogeneity, and mobility patterns.
- **Network Analysis:** Construct and analyze networks that represent human interactions, such as social

networks, transportation networks, and healthcare settings, to identify critical pathways for disease transmission.

- **Simulation-Based Inference:** Use large-scale computational simulations to explore disease outbreak scenarios, validate models against real-world data, and make evidence-based predictions about epidemic progression and control measures.
- **Epidemic Control Optimization:** Evaluate intervention strategies (e.g., vaccination, quarantine, social distancing) using models to determine optimal approaches for minimizing disease spread and societal impact.
- **Collaborative Application:** Work with public health professionals to translate model findings into actionable strategies for epidemic prevention and response.

### **Professional Development Opportunities:**

The fellow may participate in a variety of professional development opportunities to support growth in their role. This includes access to online courses and specialized response training, as well as instructor-led sessions at CDC and with CFA partners.

While most work will be completed virtually, occasional travel may be possible, such as attending a national professional conference, to enhance networking and learning experiences.

### **Required and/or Desired Skills and Knowledge:**

- Graduate degree from a CEPH-accredited, ASPPH-member school/program of public health.
- A doctoral degree is preferred, but strong master's candidates will be considered.
- Ability to evaluate, enhance, and integrate epidemiological models.
- Strong analytical and programming skills.
- Familiarity or experience with:
  - Statistical modeling and simulation (e.g., ARIMA-family models, Bayesian models, large-scale simulations using Approximate Bayesian Computation)
  - Bayesian inference techniques (e.g., Markov Chain Monte Carlo (MCMC), Gibbs Sampling, Sequential Monte Carlo)
  - Probabilistic programming (e.g., Stan, NumPyro)
  - Computational modeling frameworks (Java-based or similar)

## Position #Y4-26-GHC-01

### **CIO and Location:**

Global Health Center (GHC)  
Atlanta, GA (Roybal Campus)  
In-Person

### **Track:**

Core Public Health

### **Project Title:**

Strengthening Country Public Health Systems for Timely Outbreak Detection, Notification, and Response

### **Project Discipline Area(s):**

Communication, Epidemiology/Surveillance, Evaluation/Monitoring, Program Planning and Development, Global Health Security; Organizational Strengthening; Partnerships

### **Purpose and Mission of Sponsoring CIO/program:**

Disease outbreaks can spread quickly worldwide, resulting in deaths, illness, and economic disruption. In response to these challenges, CDC's Division of Global Health Protection (DGHP) strengthens health systems globally and tackles outbreaks before they spread. DGHP is on the front lines, working with countries to quickly detect, respond to, and contain outbreaks, and to stop them before they can spread globally or reach the United States. The Global Public Health Systems Branch in DGHP:

- Enhances coordination, financial management, and organizational systems to support effective preparedness and response functions.
- Supports multisectoral preparedness, risk assessment, and response plans aligned with IHR core capacities.
- Institutionalizes performance monitoring and evaluation frameworks (e.g., 7-1-7 and intra/after-action reviews).
- Support continuous quality improvement for timely outbreak detection, notification, and response.
- Supports countries to design, implement, and institutionalize national strategies to strengthen core global health security systems, including surveillance, interoperable data systems, and national laboratory networks.
- Strengthens the ability of clinical facilities and community health workers to recognize priority diseases and unusual health events.
- Supports standardized reporting pathways between clinical, community, and public health levels.
- Enhances public health outreach and communication to clinical providers and community health workers through targeted training and sensitization.

### **Project Description:**

The Global Public Health Systems Branch's work aims to improve the timeliness of outbreak detection, notification, and response by strengthening public health institutions, workforce capacity, and surveillance systems. A fellow is needed to support in-country implementation of health security tools and approaches, including 7-1-7 timeliness analysis, the Linkages Framework, Organizational Strengthening Modules, and related public health data and communication approaches. This work requires the ability to adapt tools to diverse institutional contexts, to engage with Ministries of Health (MOHs) and National Public Health Institutes (NPHIs), and to provide technically sound support aligned with country priorities.

The fellow will work with MOH and NPHI counterparts to apply 7-1-7 timeliness findings to improve coordination, efficiency, and sustainability of core public health functions, while contributing to tool refinement and supporting training and technical assistance for country and regional partners. The fellow will also support systems-strengthening activities, such as epidemic-ready primary healthcare efforts, by adapting training materials,

facilitating partner coordination, and strengthening linkages among detection, reporting, and response. These activities will involve close coordination with Ministries of Health, multinational health agencies, National Public Health Institutes, and academic partners on projects in disciplines directly aligned with ASPPH and CDC core priorities, including epidemiology, public health surveillance, data science, and health security.

Over a one-year period, the fellow will produce tangible outputs, including implementation support products, training and capacity-building materials, and documented lessons learned from country engagement. The level of technical judgment, sustained country engagement, and independent applied work required for these activities warrants a doctoral-level fellow or a highly qualified master 's-level fellow.

### **Professional Development Opportunities:**

The fellow will receive structured training through a combination of CDC- and ASPPH-sponsored learning opportunities, applied mentorship, and hands-on implementation experience. The fellow will receive on-the-job training and mentorship related to global public health systems strengthening and health security, including orientation to tools and approaches such as 7-1-7 timeliness analysis, organizational and institutional strengthening frameworks, and effective public health communication. Training will be delivered through regular engagement with mentors and GPHSB SMEs, participation in team and branch meetings, and involvement in in-country implementation activities with Ministries of Health, National Public Health Institutes, and partners. As appropriate and subject to availability and approval, the fellow may also participate in relevant CDC-led or externally hosted webinars, workshops, and learning forums related to outbreak detection and response, public health systems strengthening, and global health security. Attendance at conferences or meetings will be considered based on relevance to the fellowship objectives and will be subject to CIO approval and available funding.

Project-related travel is anticipated as part of the fellowship to support in-country implementation activities aligned with the fellowship objectives. Travel may include short-term international trips to engage with Ministries of Health, National Public Health Institutes, and partner organizations to support the application of health security tools, provide technical assistance, and participate in implementation planning, training, or coordination meetings. As appropriate, the fellow may also travel to attend program- or project-related meetings or workshops that support the fellowship's training objectives. Any conference or meeting-related travel will be subject to relevance, available funding, and required approvals.

### **Required and/or Desired Skills and Knowledge:**

- Graduate degree from a CEPH-accredited, ASPPH-member school/program of public health.
- A doctoral degree is preferred, but strong master's candidates will be considered.
- Foundational knowledge of public health systems, global health security, and outbreak detection, notification, and response.
- Experience supporting the implementation of public health tools, frameworks, or technical guidance in applied settings.
- Ability to analyze data and synthesize findings to inform public health decision-making.
- Ability to work effectively with Ministries of Health, National Public Health Institutes, and a wide range of partners in country contexts.
- Strong written and verbal communication skills for technical and non-technical audiences.
- Ability to adapt training materials and technical guidance to varied institutional and cultural settings.
- Experience with international or cross-cultural public health work is beneficial.
- French language skills are an asset but not required for the fellowship.

## Position #Y4-26-CDP-01

### **CIO and Location:**

National Center for Chronic Disease Prevention and Health Promotion (NCCDPHP)  
Atlanta, GA (Chamblee Campus)  
Hybrid (i.e., in-person and telework)

### **Track:**

Core Public Health

### **Project Title:**

Advancing the Science and Translation of Work on Maternal, Infant, and Toddler Nutrition

### **Project Discipline Area(s):**

Communication, Epidemiology/Surveillance

### **Purpose and Mission of Sponsoring CIO/program:**

The Maternal, Infant, and Toddler Nutrition (MITN) Team works to improve health and development through optimal nutrition from pregnancy through the first two years of life. We conduct surveillance and research to support nutrition and health promotion and to guide programmatic efforts. We provide technical assistance, education, and training to states, communities, healthcare providers, and families. Lastly, we work with partners to develop, harmonize, operationalize, and disseminate nutrition guidance and policies.

### **Project Description:**

This project will provide training in maternal and child nutrition, with a specific focus on the importance of nutrition during the first 1,000 days (pregnancy through a child's first two years), including topics such as breastfeeding, complementary feeding, and the development of healthy dietary patterns. The fellow will work with others to identify research and surveillance gaps and translate findings into products to improve nutrition during the first 1,000 days.

Under the guidance of a mentor, this training opportunity includes:

- Analyzing data, developing translation products, and contributing to manuscripts on topics related to maternal and child nutrition.
- Synthesizing information and communicating with partners and the general public.
- Participating in interdisciplinary work groups and interacting with experts, including public health nutritionists, informaticists, statisticians, health education specialists, evaluation specialists, maternal and pediatric health care providers, and epidemiologists.
- Contributing to the preparation of briefing documents or presentations on topics related to the first 1,000 days for review by public health leaders, policy makers, hospital administrators, etc.
- Building public health skills in research, synthesis, translation, and dissemination of findings related to maternal and child nutrition.

### **Professional Development Opportunities:**

As part of the fellowship, a minimum of one external training opportunity will be identified that aligns with the fellowship project, which will aid in increasing skills and knowledge for nutrition science. We will also assess and identify gaps related to data analysis skills and recommend internal or, if necessary, outside training that aligns with the fellowship project.

As part of the fellowship experience, at least one national conference (e.g., the American Society of Nutrition, the National Breastfeeding Conference & Convening) will be identified that aligns with the fellowship project. Mentorship will be provided to write a strong abstract and complete the CDC clearance process, enabling submission of the abstract for consideration for presentation. Once accepted, the fellow will be included in

conference travel planning and mentored to ensure the presentation's quality.

**Required and/or Desired Skills and Knowledge:**

- Master's degree from a CEPH-accredited, ASPPH-member school/program of public health.
- Experience conducting statistical analyses with software systems such as R, SAS, Python, or Stata is desired. Data collection, cleaning, and visualization are also useful skills.
- Training or experience in at least one of the following topics is desired: infant and child feeding, nutrition, reproductive health, and maternity care.

## Position #Y4-26-CDP-02

### **CIO and Location:**

National Center for Chronic Disease Prevention and Health Promotion (NCCDPHP)  
Atlanta, GA (Chamblee Campus)  
Hybrid (i.e., in-person and telework)

### **Track:**

Core Public Health

### **Project Title:**

Strengthening Dietary and Nutrition Surveillance by Synthesizing the Science and Addressing Gaps in Surveillance Reporting

### **Project Discipline Area(s):**

Epidemiology/Surveillance

### **Purpose and Mission of Sponsoring CIO/program:**

The Dietary Intake and Nutrition Epidemiology and Surveillance (DINES) Team works to improve dietary patterns and nutritional status across the lifespan to optimize health and reduce nutrition-related morbidity for all US populations. We conduct surveillance and epidemiologic research on dietary behaviors, nutritional and health status, and policies and programs. We provide technical expertise and maintain strategic partnerships to promote best practices for nutrition-related data collection, analysis, dissemination, and application.

### **Project Description:**

This project will provide training in surveillance related to dietary and nutrition topics, including sodium, added sugars, fruits and vegetables, and nutrition security. The research participant will work with mentors and colleagues to synthesize scientific evidence, conduct epidemiologic analyses of nutrition surveillance data, identify research and surveillance gaps, and translate the science into public health actions across the lifespan.

Under the guidance of a mentor, this training opportunity includes:

- Building public health skills in research, synthesis, translation, and dissemination of evidence on social, environmental, and policy factors related to nutrition across the lifespan. The majority of the work focuses on surveillance of dietary and nutrition behaviors, including consumption of sodium, added sugars, and fruits and vegetables.
- Contributing to the development of written reports and oral presentations with an emphasis on surveillance analyses to inform environmental and policy strategies for improved nutrition.
- Analyzing data and developing translation products on food and nutrients of public health interest.
- Synthesizing information and communicating with partners and to the general public.
- Focused learning on analysis of national and state surveillance data (e.g. NHANES, BRFSS) to monitor dietary behaviors that will help inform the Division of Nutrition, Physical Activity, and Obesity (DNPAO) priorities and activities related to nutrition throughout the lifespan.
- Participating in interdisciplinary work groups and interacting with experts including public health nutritionists, health education specialists, evaluation specialists, and epidemiologists.
- Conducting systematic reviews of the scientific literature on the health effects of multiple health behaviors throughout the lifespan.
- Analyzing data and reviewing data for national and state reports on nutrition and diet.

### **Professional Development Opportunities:**

As part of the fellowship, a minimum of one external training opportunity will be identified that aligns with the fellowship project, which will aid in increasing skills and knowledge for nutrition science. We will also assess

and identify gaps related to data analysis skills and recommend necessary internal or, if necessary, outside training that aligns with the fellowship project.

As part of the fellowship experience, at least one national conference (e.g., the American Society of Nutrition, the National Breastfeeding Conference & Convening) will be identified that aligns with the fellowship project. Mentorship will be provided to write a strong abstract and complete the CDC clearance process, enabling submission of the abstract for consideration for presentation. Once accepted, the fellow will be included in conference travel planning and mentored to ensure the presentation's quality.

**Required and/or Desired Skills and Knowledge:**

- Master's degree from a CEPH-accredited, ASPPH-member school/program of public health.
- Master's degree with a concentration in human nutrition, chronic disease, epidemiology, or a similar public health discipline.
- Knowledge of policy, systems, or environmental change approaches, as well as training or experience in at least one of the following topics: nutrition, obesity, and complex survey analysis, is desired.
- Experience conducting statistical analyses with statistical software systems such as SAS, SPSS, Stata, or R is desired.

## Position #Y4-26-CDP-03

### **CIO and Location:**

National Center for Chronic Disease Prevention and Health Promotion (NCCDPHP)  
Atlanta, GA (Chamblee Campus)  
Full-Time Remote

### **Track:**

Core Public Health

### **Project Title:**

Strengthening Nutrition Surveillance and Research to Decrease Anemia and Vitamin and Mineral Deficiencies

### **Project Discipline Area(s):**

Epidemiology/Surveillance, Informatics, Evaluation/Monitoring

### **Purpose and Mission of Sponsoring CIO/program:**

The Micronutrient Malnutrition Prevention and Control Team (MMPaCt) collaborates with partners to improve health among vulnerable populations by strengthening global nutrition, with a focus on micronutrients. MMPaCt focuses primarily on anemia, iron, iodine, vitamin A, zinc, folate, and vitamin B12 deficiencies. MMPaCt conducts surveillance and research to support micronutrient nutrition policy and programmatic efforts in the US, primarily related to iodine, iron, and anemia. Standard surveillance data includes the National Health and Nutrition Examination Survey (NHANES), WIC-PC (with USDA), and electronic medical records, with new data sources in development. MMPaCt provides limited technical assistance to partners to support mass food fortification, home fortification, micronutrient supplementation, and other nutrition and health interventions by 1) Supporting the development of intervention programs, 2) Developing and implementing nutrition and health surveillance systems and surveys, and 3) Developing monitoring and evaluation systems.

### **Project Description:**

The proposed project focuses on anemia, as well as vitamin and mineral (also called micronutrients) analytic projects to fill critical research and surveillance gaps. The proposed fellowship activities and products will inform updates to federal guidelines and guidance, particularly by improving status assessment, screening, treatment, impact evaluation, and emerging interventions.

Working closely with the mentor and team members, the fellow will lead analytical projects, including literature searches; developing proposals and analytic plans; cleaning datasets; conducting analyses; leading manuscript or report writing; and preparing and delivering presentations and other dissemination activities. Depending on the analytic question and data source, the fellow may collaborate with partners or working groups and contribute to translation products for use by public health leaders and other partners.

Based on discussions, skillsets, and fellow interests, potential analytic projects include:

- Examine longitudinal anemia and iron status data for mother-child dyads from the Federally Qualified Health Centers (FQHC) dataset.
- Examine the association between hemoglobin and smoking in U.S. populations using NHANES to update CDC-recommended smoking adjustments established >30 years ago that used limited data.
- Evaluate USDA/WIC anemia data to develop SOPs for cleaning and analysis, and an informatics framework for future databases; and to describe the prevalence of anemia at the state level for young children or post-partum women.
- Identify serum ferritin physiological thresholds for defining iron deficiency among pregnant women, and by trimester when possible, using international data.
- Exploring thyroid hormones for monitoring and surveillance of iodine status in the United States using NHANES or electronic health record datasets.

- Using retail sales data (e.g., Nielsen ScanTrack), update monitoring of iodized table salt sales as a percentage of retail salt sales in the United States.
- Secondary analysis of ~20 international nutrition and health datasets.

### **Professional Development Opportunities:**

As part of the fellowship, at least one external training opportunity aligned with the fellowship project will be identified to enhance skills and knowledge in nutrition science. We will also assess and identify gaps in data analysis skills and recommend the necessary internal or, if needed, external training that aligns with the fellowship project.

Dissemination of study findings will be encouraged. As part of the fellowship experience, delivering at least one scientific presentation in at least one conference/meeting will be identified that aligns with the fellowship project (e.g., American Society for Nutrition (ASN), Society for Epidemiologic Research (SER), Society for Perinatal Epidemiologic Research (SPER), American Public Health Association (APHA)). Mentorship will be provided to write a strong abstract and complete the CDC clearance process, enabling submission of the abstract for consideration for presentation. Once accepted and, with CDC conference-attendance approval, the fellow will be included in conference travel planning and mentored to ensure the quality of the presentation. If the fellow is remote and does not live in Atlanta, occasional travel to Atlanta, CDC Chamblee campus for in-person meetings will be scheduled.

### **Required and/or Desired Skills and Knowledge:**

- Graduate degree from a CEPH-accredited, ASPPH-member school/program of public health.
- A doctoral degree is preferred, but strong master's candidates will be considered.

Desired but not Required:

- Quantitative data management and analysis (SAS, STATA, R, SPSS);
- Designing, implementing, and analyzing complex surveys;
- Experience with biological data collection or laboratory analysis; Nutrition/micronutrient content; Statistical methods;
- Intervention monitoring and evaluation experience.

## Position #Y4-26-CDP-04

### **CIO and Location:**

National Center for Chronic Disease Prevention and Health Promotion (NCCDPHP)  
Atlanta, GA (Chamblee Campus)  
In-Person, Full-Time Remote, or Hybrid (i.e., in-person and telework)

### **Track:**

Core Public Health

### **Project Title:**

Supporting the Division of Nutrition, Physical Activity, and Obesity (DNPAO) Nutrition Strategies Fellowship

### **Project Discipline Area(s):**

Epidemiology/Surveillance, Evaluation/Monitoring, Program Planning and Development, Policy, Nutrition

### **Purpose and Mission of Sponsoring CIO/program:**

CDC's Division of Nutrition, Physical Activity, and Obesity (DNPAO) invests in efforts to support healthy eating, active living, and healthy weight for all people. These investments advance public health strategies to prevent diet-related and inactivity-related chronic diseases, protecting the health of people across the nation. Two priority strategies to increase access to healthy food are the use of institutional food service guidelines and fruit and vegetable programs (voucher incentive and produce prescription programs).

DNPAO developed the Food Service Guidelines for Federal Facilities, a set of voluntary best practices to increase healthy, safe food options for staff and visitors to federal facilities. When this set of guidelines is written into contracts, it becomes organizational policy. The Food Service Guidelines for Federal Facilities are designed to ensure that healthier foods and beverages are available and encouraged; that energy-efficient practices are implemented in food service venues; that communities are economically supported through local food sourcing; and that food safety practices are followed to minimize the risk of foodborne illness. These guidelines can be used in many anchor institutions or community settings, including hospitals and health care facilities, colleges and universities, state and local agencies, and more. Fruit and vegetable programs, which include voucher incentives and produce prescription programs, are evidence-based approaches to improve fruit and vegetable consumption and nutrition security. Voucher incentive programs for fruits and vegetables provide vouchers, coupons, or cash incentives to consumers to use at the point of purchase. Incentives may be redeemed at participating food pantries, farmers markets, brick-and-mortar or online grocery stores, and mobile markets. Farm-direct redemption allows economic benefit to local growers and producers. Produce prescription programs allow health care workers to prescribe fruits and vegetables to patients who meet specific criteria. Such patients may have chronic diseases and lack access to nutritious food. Produce prescription vouchers may be redeemed in health care settings, local farmers markets, brick-and-mortar or online grocery stores, and mobile markets, or patients may receive bagged or boxed produce at the clinic.

The fellow will assist staff in providing technical expertise to cross-sector collaborations, including food service guidelines, fruit and vegetable program partners, and public health nutrition experts. These efforts aim to advance the goals of increasing access to and affordability of healthy foods in anchor institutions and communities. The fellow will also identify and analyze data and metrics to demonstrate process and health impacts.

### **Project Description:**

The fellow, depending on existing expertise, can work with scientists to be further trained in public health nutrition and support the following activities:

- Learn how to develop and support training opportunities for DNPAO funding recipients and support ongoing technical assistance platforms, including strategic engagement communities, webinars, and in-person convenings.

- Receive training on how to coordinate recipient training needs and help develop and disseminate implementation science (evaluation) metrics related to implementing food service guidelines or fruit and vegetable programs in states and communities and across the federal government; create specifications for case studies and cost-effectiveness studies.
- Learn how to develop checklists, logic models, monitoring data, and/or evaluation metrics that support program implementations across federal, state, and local jurisdictions, including tribal governments and community anchor institutions.
- Receive mentorship on processes to collaborate with key partners in developing a checklist or web module on large-scale procurement (e.g., bulk food procurement) as a food system lever that is similar, but often distinct from organizational food service guidelines.
- Provide training and resources to DNPAO recipients.
- Take part in workgroups such as the Division Food Service Guidelines, Fruit and Vegetable Programs or Nutrition and Obesity Policy Research and Evaluation Food Service Guidelines Workgroups, as well as the Food Service Guidelines Collaborative, and be mentored in providing support and subject matter expertise to implementing agencies and organizations, including business viability.
- Assist scientists working on state and local food service policy landscape updates.

### **Professional Development Opportunities:**

The fellow will gain firsthand experience with a key population-based nutrition strategy that increases access to and affordability of foods, aligned with the Dietary Guidelines for Americans. The fellow will receive training and collaborate with a varied group of public health professionals, including epidemiologists, nutritionists, health education and evaluation specialists, and engage with external partners and DNPAO funding recipients. This will help expose the fellow to key personnel and organizations driving innovation for food systems change. The fellow will also have the opportunity to participate in analytic projects with potential for publication in peer-reviewed journals.

DNPAO will benefit from the fellow's support for the ongoing activities listed in the Project Description, including technical support for DNPAO funding recipients. DNPAO fellowship program participants are important team members who engage not only in advancing priority public health strategies with DNPAO partners but also in the CDC work environment, for example, by assisting with the DNPAO Wellness Committee. In addition, fellowship program participants bring additional expertise and ideas to ongoing DNPAO workgroups. DNPAO invests in state and community efforts to support healthy eating, active living, and healthy weight for all people. These investments advance public health strategies to prevent diet-related and inactivity-related chronic diseases, protecting the health of people across the nation. The public benefits from technical support from a fellow for strategic initiatives in states and communities that could increase access to healthy foods for all.

Much of the training will be on-the-job for the DNPAO's strategic priority areas: food service guidelines and fruit and vegetable programs. Some training may be available for supportive competencies, for example, through courses on policy analysis in the CDC's Public Health Law Program or CDC-U courses on quantitative and qualitative data analysis. Fellowship program participants can usually attend one national scientific conference, such as the American Society for Nutrition, to present an abstract on a unique data analysis. Other possible travel includes in-person meetings with partners (e.g., in Washington, DC), in-person training or site visits with DNPAO-funded participants, but these are TBD.

### **Required and/or Desired Skills and Knowledge:**

- Master's Degree from a CEPH-accredited, ASPPH-member school/program of public health.
- Successful candidates will have strong analytical, written, and oral presentation skills and self-motivation.
- The following are beneficial but not required:

- Interest in economic, social, behavioral, environmental, policy, and systems aspects of food choices;
- Familiarity with policy and/or environmental change strategies that address nutrition, physical activity, or obesity;
- Experience working in nutrition, physical activity, and/or obesity;
- Alternatively, experience working in food service, grocery, agriculture, charitable foods, or other relevant organizations;
- Analytical expertise and previous scientific writing experience.

## Position #Y4-26-IRD-01

### **CIO and Location:**

National Center for Immunization and Respiratory Diseases (NCIRD)  
Atlanta, GA (Roybal Campus)  
In-Person, Full-Time Remote, or Hybrid (i.e., in-person and telework)

### **Track:**

Core Public Health

### **Project Title:**

Strengthening Program Monitoring and Partner Engagement to Advance CDC's Bacterial Respiratory Disease Prevention Priorities

### **Project Discipline Area(s):**

Communication; Evaluation/Monitoring; Program Planning and Development; Policy; External Partnerships

### **Purpose and Mission of Sponsoring CIO/program:**

The Division of Bacterial Diseases (DBD) works to prevent and control illness and death from vaccine-preventable and other respiratory bacterial diseases, in the United States and worldwide, through leadership in epidemiologic and laboratory science and vaccine policy. In addition to serving as experts in the areas of bacterial respiratory and vaccine-preventable disease issues, we:

- Accelerate the development, introduction, and evaluation of vaccines against bacterial respiratory diseases such as pneumonia, meningitis, neonatal sepsis, and related syndromes in the United States and globally.
- Identify, assess, and implement advanced and innovative approaches to improve and expand laboratory, statistical, and epidemiological science to support the DBD vision and advance DBD programs.
- Maintain and strengthen surveillance, early detection, investigation, response, and policy development to ensure effective prevention and control of bacterial respiratory diseases such as pneumonia, meningitis, neonatal sepsis, and related syndromes in the United States and globally.
- Efficiently and effectively support public health programs and research through excellence in management and operations functions.
- Inform the public and scientific community about bacterial respiratory diseases such as pneumonia, meningitis, neonatal sepsis, and related syndromes in the United States and globally through effective communications and policy approaches.

### **Project Description:**

The Division of Bacterial Diseases (DBD) is seeking a fellow to support a cross-cutting applied learning project focused on program monitoring, evaluation, and strategic partner engagement. DBD leads national and global efforts to prevent illness and death from vaccine-preventable and other respiratory bacterial diseases through surveillance, laboratory science, outbreak response, and policy development.

Under the mentorship of DBD policy leadership, the fellow will contribute to the Division's Strategic Monitoring and Reporting Tool (SMART) and associated monitoring and improvement processes, which track progress toward DBD's 2023–2028 Strategic Plan goals. In addition to collecting and synthesizing program reporting data and analyzing trends across domestic and global activities, the fellow will lead the development and execution of "data-driven reviews." These structured, action-oriented sessions will bring together Division leadership, Branch leadership, and relevant partners to closely examine program data, identify programmatic challenges or resource constraints, and collaboratively surface opportunities for improvement. The fellow will help design the structure of these reviews, prepare data visualizations and briefing materials, facilitate discussions, and document follow-up actions.

In parallel, the fellow will support DBD's engagement with non-governmental public health partners by translating program data and strategic priorities into clear, accessible information for external audiences. Activities may include drafting partner-facing summaries, success stories, or briefing materials; assisting with coordination of partner briefings or webinars; and helping ensure DBD's work, priorities, and impact are clearly communicated to both internal and external audiences and partners.

Through this project, the fellow will gain hands-on experience in applied program monitoring, evaluation, strategic communications, and stakeholder engagement within a federal public health setting. The project offers exposure to CDC decision-making processes, cross-disciplinary collaboration, and the practical use of data to improve public health programs and partnerships.

### **Professional Development Opportunities:**

The fellow will gain hands-on experience leading applied program monitoring and improvement efforts within a federal public health agency. By designing and facilitating data-driven reviews, the fellow will build skills in data interpretation, facilitation, stakeholder engagement, and translating analysis into concrete action. The fellow will also strengthen competencies in public health evaluation, strategic communications, and leadership engagement, preparing them for future roles that require both analytic rigor and collaborative problem-solving.

DBD will benefit from increased capacity to move beyond routine reporting toward active use of data for decision-making and program improvement. The fellow's work will support more systematic identification of challenges, clearer articulation of resource needs, and more consistent follow-through on improvement actions. Data-driven reviews will provide leadership with a structured forum to engage across branches, align priorities, and accelerate solutions to operational and programmatic issues.

By strengthening how DBD monitors performance and addresses challenges, this fellowship will contribute to more efficient and effective bacterial disease prevention programs. Improved use of data to guide decisions and resource allocation helps ensure public health efforts are responsive, well-coordinated, and effective, ultimately strengthening CDC's ability to prevent illness, respond to threats, and protect communities.

The fellow will have access to CDC and HHS's learning platform, which offers on-demand courses on program monitoring and evaluation, stakeholder engagement, and a range of other policy-related topics. The mentor and fellow will identify these on-demand training courses to take as it related to supporting this project.

### **Required and/or Desired Skills and Knowledge:**

This fellowship is intended for an early-career public health professional with strong foundational skills and an interest in applied program monitoring and stakeholder engagement. The fellow should have:

- Strong analytical and critical-thinking skills, with the ability to review qualitative and quantitative information, identify patterns or gaps, and ask thoughtful questions about program performance.
- Attention to detail and organizational skills to manage complex information, synthesize updates across programs, and support accurate, timely reporting.
- Clear written and verbal communication skills, including the ability to translate data and technical information into accessible summaries for leadership and external partners.
- Experience working collaboratively in team-based settings, with the ability to take initiative and work independently on assigned tasks while receiving guidance and mentorship.
- Interest or coursework in program evaluation, public health policy, epidemiology, or health systems, with a desire to apply classroom learning in a real-world federal public health environment.
- Comfort learning new tools and processes, recognizing that training and mentorship will be provided; advanced expertise in specific software platforms (e.g., Power BI) is not required.

This project is designed to provide structured mentorship and professional development, allowing the Fellow to build confidence and practical skills while contributing meaningfully to CDC's public health mission.

## Position #Y4-26-IRD-02

### **CIO and Location:**

National Center for Immunization and Respiratory Diseases (NCIRD)  
Atlanta, GA (Roybal Campus)  
In-Person

### **Track:**

Core Public Health

### **Project Title:**

Program Management for Pneumonia and Streptococcus Epidemiology

### **Project Discipline Area(s):**

Communication; Evaluation/Monitoring; Program Planning and Development; Policy

### **Purpose and Mission of Sponsoring CIO/program:**

CDC's Pneumonia and Streptococcus Epidemiology Branch (PSEB) in NCIRD's Division of Bacterial Diseases works to address multiple respiratory bacterial pneumonia, meningitis, and related pathogens, domestically and internationally, including Legionella disease, pneumococcal disease, Group A Streptococcal (GAS) disease, Group B Streptococcal (GBS) disease, and atypical pneumonia bacteria such as Mycoplasma pneumoniae and Chlamydia pneumoniae. While the branch has an epidemiologic focus, we work closely with counterparts in our sister laboratory branch, which serves as a reference laboratory and offers technical support to domestic and global partners.

### **Project Description:**

In support of PSEB's robust scientific portfolio, the Management and Operations Team supports full-time employees (FTEs), fellows, and contractors with budget formulation and execution, workforce management, procurement and contracting, cooperative agreement management, and administrative functions. The fellow in PSEB will join an experienced, dynamic branch and support multiple operational support lanes, while contributing to tangible program outcomes. The branch would benefit from the fellow providing dedicated review and management analysis of operational and program processes, with recommendations to improve efficiency and impact.

Depending on the fellow's experience and interests, they may assist with program work in monitoring and evaluation, communication, or policy. The division is considering an update to the strategic plan, which may occur during the fellowship period. The fellow could contribute to the strategic plan and facilitate the PSEB submission.

PSEB may host a workshop or seminar on surveillance activities with external partners during the fellowship. Depending on experience and interest, the fellow could assist with the event planning and management, serve as a rapporteur during the seminar, and/or draft internal newsletter articles reporting the events.

The fellow could also collaborate on a capstone project with division counterparts. Project concepts are currently under development and will focus on improving project management, updating program communications, and strengthening/automating processes. An assignment with PSEB would provide opportunities to meet and learn from subject-matter experts in epidemiology and laboratory science, as well as to synthesize knowledge across the branch's management and operations functions.

### **Professional Development Opportunities:**

PSEB is thrilled to host an ASPPH fellow! PSEB has a long history of laboratory-confirmed surveillance of respiratory bacteria that attracts media attention, state health departments, hospital systems, and individuals. PSEB has a strong record of hosting fellowship program participants and providing networking and development opportunities they can leverage in their professional careers. Currently, PSEB hosts four

Epidemic Intelligence Service (EIS) officers, many EIS alumni, and has two Presidential Management Fellowship alumni. As a result, an ASPPH Fellow would be welcomed and integrated into PSEB's work culture!

In addition to foundational knowledge of Program Implementation/Management, we anticipate that a successful assignment with PSEB would provide the fellow with the opportunity to develop Strategic Planning and Facilitation Skills and deepen their understanding of program administration in a federal agency.

The mentors can work with the fellow to conduct a competency review and assessment and guide them through available training on the CDC Learning Portal and HHS platforms. The online training would be reinforced through discussions and reflections with team members and mentors. The branch, division, or center may host scientific training that the fellow could join. PSEB fully participates in the Epidemic Intelligence Service Conference every year and could submit the fellow's name to attend with the branch. The fellow could also join the orientation for new EIS officers and other staff, which provides an intensive overview of the branch's technical areas.

Examples of program implementation and management training on the CDC Learning Portal and HHS platforms include:

- Six Sigma
- Grants Management
- Project Management
- Preparedness and Response
- Human Resource Management

**Required and/or Desired Skills and Knowledge:**

- Master's or Doctoral Degree from a CEPH-accredited, ASPPH-member school/program of public health.
- Specialized knowledge is not required. An interest in respiratory pathogens, epidemiology, and laboratory-confirmed surveillance would be helpful.
- Skills and interest in management and operations, financial management, human resources, workforce development, program implementation, program evaluation, and strategic planning would be helpful.
- We especially welcome a fellow who brings innovation, problem-solving, and creativity!

## Position #Y4-26-IRD-03

### **CIO and Location:**

National Center for Immunization and Respiratory Diseases (NCIRD)  
Atlanta, GA (Roybal Campus)  
In-Person

### **Track:**

Core Public Health

### **Project Title:**

Evaluating and Analyzing Surveillance and Laboratory Data Related to Pneumococcal Disease

### **Project Discipline Area(s):**

Epidemiology/Surveillance; Informatics; Evaluation/Monitoring

### **Purpose and Mission of Sponsoring CIO/program:**

The mission of the Division of Bacterial Diseases (DBD) is to prevent and control illness and death from vaccine-preventable and other respiratory bacterial diseases, in the United States and worldwide, through leadership in epidemiologic and laboratory science and vaccine policy. DBD plays a critical role in outbreak response, surveillance and epidemiologic research, laboratory diagnosis and pathogen characterization, and vaccine development, and provides scientific support for the development of vaccine policy and public health guidance to control vaccine-preventable and other respiratory bacterial diseases nationally and globally.

### **Project Description:**

The fellow will train with the Pneumococcus Epidemiology Team within CDC's Division of Bacterial Diseases to support data-driven decision-making for pneumococcal disease prevention in the United States. Under the mentorship of the team's epidemiologists, the fellow will:

- Manage and analyze data on pneumococcal isolates received through CDC's Antimicrobial Resistance Laboratory Network, including data cleaning, documentation, descriptive and trend analyses, and development of reproducible workflows and visualizations for routine reporting.
- Support management and analysis of invasive pneumococcal disease (IPD) surveillance data to facilitate evaluation of the effectiveness of new pediatric pneumococcal vaccines in preventing IPD.
- Explore pneumococcal-related data available through the National Notifiable Diseases Surveillance System (NNDSS) and evaluate data completeness, timeliness, consistency, and utility to inform program decisions.

The fellowship emphasizes training and applied learning. Deliverables may include reproducible analytic code and documentation, standardized data dictionaries, data quality assessment summaries, analytic briefs with tables and figures, and a final summary report of activities and findings. Fellowship program participants with interest and prior experience in scientific writing may have opportunities to contribute to presentations or manuscripts, as appropriate.

### **Professional Development Opportunities:**

Through this experience, the fellow will gain hands-on training in managing and analyzing surveillance and laboratory data related to pneumococcal disease. They will develop experience in evaluating the impact of pediatric pneumococcal vaccines and assessing the quality of public health surveillance data. Additionally, the fellow will build skills in SAS/R programming, reproducible workflows, data visualization, and scientific communication. They will also gain broad exposure to pneumococcal disease epidemiology and public health interventions in the U.S., with insight into activities across team, branch, division, and center levels.

The program will benefit from streamlined data management processes and reproducible analytics for key pneumococcal datasets. It will receive actionable data quality insights to strengthen the utility of surveillance systems and deliverables that inform program decisions, including analytic summaries, visualizations, and a

final report.

The public will benefit from more reliable surveillance and insights into antimicrobial resistance (AMR) that support timely, data-driven public health actions. Strengthened evidence will inform pediatric pneumococcal vaccine policy and practice. Additionally, a better understanding of pneumococcal disease will inform future public health interventions.

Training opportunities may include:

- **New Staff Training:** Opportunity to join trainings for newly hired staff in the Pneumonia and Streptococcus Epidemiology Branch (PSEB), typically held in August–September, covering core PSEB activities.
- **Team and Program Learning:** Regular exposure to team, branch, division, and center-level activities through meetings and scientific seminars, providing a broad perspective on infectious respiratory diseases, vaccines, and antimicrobial resistance.
- **CDC Staff Trainings:** Fellowship program participants may attend trainings offered to CDC staff if they are eligible, subject to supervisor approval.
- Training opportunities outside the CDC will be subject to the mentor’s approval.
- If travel opportunities arise for training or dissemination, they would be contingent on project need and approval.

**Required and/or Desired Skills and Knowledge:**

- Master's degree from a CEPH-accredited, ASPPH-member school/program of public health.
- Required or strongly preferred
  - Experience in data management and analysis using SAS and/or R.
  - Training in epidemiology and biostatistics, including descriptive and analytic methods.
  - Ability to create clear analytic documentation and communicate findings to technical and non-technical audiences.
  - Understanding of data privacy, security, and reproducible research practices.
  - Familiarity with antimicrobial resistance concepts and laboratory data, or strong willingness to learn.
  - Willingness to be flexible and adapt projects to evolving team and program needs.
- Preferred (a plus, not required)
  - Experience with public health surveillance data and data quality assessment.
  - Knowledge of vaccine-preventable diseases or prior exposure to vaccine impact or effectiveness concepts.
  - Experience with data visualization tools or packages
  - Experience linking laboratory and surveillance datasets.

## **Position #Y4-26-IRD-04**

### **CIO and Location:**

National Center for Immunization and Respiratory Diseases (NCIRD)  
Atlanta, GA (Roybal Campus)  
In-Person

### **Track:**

Core Public Health

### **Project Title:**

Evaluation Support and Capacity Building to Increase Domestic Vaccine Access and Demand

### **Project Discipline Area(s):**

Evaluation/Monitoring, Health Services Research

### **Purpose and Mission of Sponsoring CIO/program:**

The mission of the National Center for Immunization and Respiratory Diseases is to prevent disease, disability, and death through immunization and the control of respiratory and related diseases. The Immunization Services Division's mission is to protect people across their lifespan from vaccine-preventable diseases by equitably increasing access, confidence, and demand for vaccines. The Applied Research, Implementation Science, and Evaluation (ARISE) Branch supports this work by conducting and supporting health services research, evaluation, and implementation science to identify interventions that increase vaccine access, confidence, demand, and uptake, and disseminating results of this work to improve the scientific evidence base for the U.S. domestic immunization program. The four teams in the ARISE Branch are the Adult Vaccination Team, Pediatric Vaccination Team, Economics Team, and Vaccine Confidence and Demand Team. This fellowship is with the Adult Vaccination Team.

### **Project Description:**

The primary activity of this fellowship will be to support 66 state/local/territorial immunization programs funded by the Immunization Services Division as they implement a new requirement to evaluate two interventions to increase vaccine access and confidence. The fellow will join a multidisciplinary workgroup of evaluators, analysts, and behavioral scientists, including staff from all four teams in the ARISE branch. This group creates evaluation technical documents (logic models, process maps, etc.) and educational/guidance materials for funding recipients, and provides large-group and 1-on-1 technical assistance to programs as they create and implement their evaluation plans.

The fellow will also gain experience in evaluation design and implementation through internal evaluation capacity-building activities. Specifically, the ARISE branch assists other branches in the Immunization Services Division in developing logic models and in designing and conducting evaluations of their programs or activities to maximize the effectiveness of our funding and activities. The fellow will have the opportunity to undertake one or more evaluation projects in support of an ISD branch or program. The fellow will also receive support and mentorship to summarize the evaluation project results in a peer-reviewed publication, a conference presentation, or both (as desired).

Finally, the fellow will have the opportunity to design their own health services research or evaluation on an immunization question of their choice, using existing quantitative or qualitative data held by the ARISE Branch. The branch will provide mentorship in study design, data analysis, and scientific writing as needed and desired by the fellow.

### **Professional Development Opportunities:**

The fellow will have access to training in quantitative or qualitative data analysis and/or evaluation methodology based on their professional development needs and preferences. In addition, this fellowship offers project-based opportunities to collaborate with and learn from branch experts in survey design,

quantitative and qualitative data analysis, behavioral science, economic analysis, complex modeling, and program evaluation. The fellow may attend conferences or large meetings of state/local immunization program funding recipients, academic collaborator networks, or other program-relevant partners.

**Required and/or Desired Skills and Knowledge:**

- Graduate degree from a CEPH-accredited, ASPPH-member school/program of public health.
- A doctoral degree is preferred, but strong master's candidates will be considered.
- Experience in project management and coordination.
- Strong written and oral communication skills.
- Proficiency in Excel and PowerPoint.
- Quantitative and/or qualitative data analysis skills.
- Experience in survey/measure design and technical assistance to partners is desirable, but not required.

## Position #Y4-26-IRD-05

### **CIO and Location:**

National Center for Immunization and Respiratory Diseases (NCIRD)  
Atlanta, GA (Roybal Campus)  
In-Person, Full-Time Remote, or Hybrid (i.e., in-person and telework)

### **Track:**

Core Public Health

### **Project Title:**

Examining Vaccination Coverage and Trends Among Children and Adolescents in the United States, National Immunization Survey

### **Project Discipline Area(s):**

Epidemiology/Surveillance, Evaluation/Monitoring

### **Purpose and Mission of Sponsoring CIO/program:**

The National Center for Immunization and Respiratory Diseases (NCIRD) has taken a leading role in promoting immunizations and expanding access to safe and effective vaccines in the United States and around the world. As a disease-prevention program, NCIRD provides leadership for the planning, coordination, and conduct of immunization activities nationwide. The activities for this fellowship will be conducted within the Surveillance and Epidemiology Branch (SEB), which is part of the Immunization Services Division in NCIRD.

The Immunization Services Division (ISD) protects individuals and communities from vaccine-preventable diseases through federal funding and contracts to purchase vaccines; technical and financial support for immunization programs; and provider and public education, evaluation, and research. The Surveillance and Epidemiology Branch within ISD provides scientific leadership in measuring vaccination coverage across the lifespan.

### **Project Description:**

The selected participant for this fellowship will complete training to enhance their skills in analyzing and interpreting data, preparing scientific reports, and responding to data inquiries. Specifically, as a member of the Surveillance and Epidemiology Branch's National Immunization Survey (NIS) Team, the fellow will use NIS data to learn to conduct statistical analyses, develop applied research projects, and provide technical assistance to CDC's immunization program partners. They will collaborate with and be mentored by epidemiologists, statisticians, survey methodologists, and other health scientists who work on the National Immunization Survey.

Training opportunities may include:

- Monitoring vaccination coverage among children 19-35 months (NIS-Child) and 13-17 years (NIS-Teen);
- Planning and conducting data analyses on NIS survey data to identify areas with disparities in coverage for certain demographic or geographic subgroups in the population;
- Conducting descriptive, categorical, and complex multivariable data analysis to interpret study findings;
- Preparing scientific/technical reports and documentation to assist with manuscripts for publication;
- Assisting CDC's immunization partners with analysis and interpretation of NIS data, and
- Presenting findings and recommendations at national forums and in peer-reviewed journals.

### **Professional Development Opportunities:**

Training opportunities will be available with selected epidemiologists, online CDC courses, and program-sponsored meetings or conferences. The fellow may also attend a national conference during the fellowship to present research findings.

**Required and/or Desired Skills and Knowledge:**

- Master's degree from a CEPH-accredited, ASPPH-member school/program of public health.
- Knowledge and skills in epidemiology, biostatistics, or related areas are preferred.
- Experience in analyzing data using SAS, SUDAAN, SPSS, R, or a similar computer software package is preferred.

## Position #Y4-26-IRD-06

### **CIO and Location:**

National Center for Immunization and Respiratory Diseases (NCIRD)  
Atlanta, GA (Roybal Campus)  
In-Person

### **Track:**

Core Public Health

### **Project Title:**

Developing Policy Communications Materials to Communicate Effectively with Congress, Public Health Partners, and US Government Agencies about CDC's Influenza and other Respiratory Virus Programs

### **Project Discipline Area(s):**

Communication, Program Planning and Development, Policy

### **Purpose and Mission of Sponsoring CIO/program:**

The Influenza Division, within the National Center for Immunization and Respiratory Diseases (NCIRD), seeks to protect people from seasonal and pandemic influenza, providing scientific and programmatic leadership for the detection, prevention, and control of influenza in the United States and around the world. The mission of the Influenza Division is to advance global control and prevention of seasonal and novel influenza and improve influenza pandemic preparedness and response.

### **Project Description:**

For more than 20 years, the mission of the Influenza Division has been to advance the domestic and global control and prevention of seasonal and novel influenza viruses. This work has been accomplished through successful, robust influenza surveillance programs. Until 2026, the Influenza Division operated separately from the 2023-formed Coronavirus and Other Respiratory Disease (CORVD) division, which manages coronavirus and other respiratory viruses. In 2026, the Influenza and CORVD divisions will merge into a single division to manage these respiratory viruses. As a result, communication with congressional, public health partner, and intragovernmental audiences will need to be adapted to reflect the new division's multi-pathogen approach.

This project will focus on developing a multi-pathogen external engagement strategy to reflect the priorities and preferences of the various intended audiences, as well as the newly formed division. Once the new strategy is developed, all policy communications materials historically used by the influenza division (including program briefs, memos, one-pagers, factsheets, presentations, and web content) will be reviewed and updated for alignment for use by the new division.

### **Professional Development Opportunities:**

The fellow will attend the Division's New Employee Orientation, which provides a comprehensive overview of the division's programmatic activities. Sessions cover a wide range of topics, including the basics of influenza epidemiology, domestic and global influenza surveillance, influenza diagnostics and treatment, and influenza communications and policy. The fellow will receive additional training through a wide variety of hands-on experiences and one-on-one mentoring, as well as first-hand opportunities to learn about CDC's interactions with Congress and domestic and global partners. The fellow will also have the opportunity to learn about CDC's engagements with other HHS components, the broader US government, and governments abroad. Additional training opportunities, including seminars on congressional operations hosted by the Government Affairs Institute at Georgetown University, will be offered. Given the Influenza Division's broad programmatic reach in the US and globally, the division has a very active, diverse policy portfolio that will provide ample opportunities for the fellow to engage in a wide range of policy experiences.

Travel opportunities will be provided for project-related work, training, congressional, and partner engagements. Opportunities may include travel to training sessions to deepen the fellow's knowledge of

congressional operations through the Government Affairs Institute, or to support meetings with partners and advocacy organizations.

**Required and/or Desired Skills and Knowledge:**

- Master's degree from a CEPH-accredited, ASPPH-member school/program of public health.

The following skills and experience will be beneficial for the successful completion of this project:

- Experience developing clear, effective, tailored communications to scientific and non-scientific audiences with the ability to effectively translate complex scientific information for a wide range of audiences.
- Prior project management experience, including developing and adhering to project goals, deliverables, and timelines.
- Ability to engage diverse stakeholders, connecting individuals and groups to develop and maintain successful internal and external partnerships.
- Prior experience interacting with members of Congress or congressional staff is a plus.

## Position #Y4-26-IPC-01

### **CIO and Location:**

National Center for Injury Prevention and Control (NCIPC)

Atlanta, GA (Chamblee Campus)

Hybrid (i.e., in-person and telework) preferred; Full-Time Remote may be permitted

### **Track:**

Health Education (This track includes additional training in areas of responsibility and competencies for health education specialists.)

### **Project Title:**

Supporting the Implementation of Overdose Prevention Activities in CDC-funded States through Evaluation, Partnerships & Policy, and Sustainable Strategies

### **Project Discipline Area(s):**

Informatics, Evaluation/Monitoring, Program Planning and Development, Policy

### **Purpose and Mission of Sponsoring CIO/program:**

Since 1993, the Injury Center has established itself as a leader in protecting Americans from injury and violence. Our mission is to prevent injury, overdose, suicide, and violence across the lifespan through science and action. We work proactively with our partners to track trends, conduct research, raise awareness, and implement prevention programs. Over the past 32 years, the Injury Center has continually evolved and adapted to address the most pressing public health challenges—from suicide and overdose to child abuse and community violence, with a focus on groups of people who are disproportionately at risk. We build partnerships, spearhead research, and implement programs to prevent injury and improve public health.

The Division of Overdose Prevention (DOP) within CDC's Injury Center works to monitor, prevent, and reduce harms associated with drug use, misuse, and overdose. We invest in three key focus areas, with prioritized investments guided by congressional intent, to help us achieve our Division's goals and support our mission. Data sharing, partnerships, and technical assistance are inherent in our approach to operationalizing selected areas of investment.

Our focus areas include:

- Strengthening surveillance of drug-related morbidity and mortality and adverse outcomes related to substance use in states, localities, territories, and tribes.
- Increasing rigorous evaluation, applied research, and opportunities for linking and retaining persons with disproportionate risk for overdose and adverse outcomes related to substance use to harm reduction services, evidence-based treatment, and recovery support services.
- Identifying and addressing shared risk and protective factors associated with substance use initiation and misuse and other comorbidities across the prevention continuum—including mental health and well-being.

### **Project Description:**

The fellow will support qualitative and quantitative data analyses of CDC's investments in state departments to understand the effectiveness of overdose prevention strategies implemented in OD2A-funded jurisdictions. Analyses may include investment of funds, expansion of workforce capacity, and the nature of prevention strategies. In addition, the fellow will support DOP's OD2A-States cooperative agreement by providing technical assistance to recipients to ensure projects implement best scientific practices for overdose prevention. They will also help develop and disseminate tools and resources that support the use and evaluation of overdose prevention strategies.

Other responsibilities will include supporting the development of OD2A-specific partnerships to introduce and promote policy-rooted overdose prevention strategies, contributing to the scientific writing of draft manuscripts,

and creating tools for use by CDC staff and external partners alike. The fellow will receive training in overdose prevention science, Implementation Science frameworks/processes, data analysis, policy analysis, and knowledge dissemination.

**Professional Development Opportunities:**

Training opportunities will be available through self-directed online trainings, instructor-led in-person and virtual courses at CDC, conference attendance, and/or Recipient Meeting conferences.

We would like the fellow to potentially travel at least once. Travel options may include the RxSummit Conference, the ASPPH annual conference, the Annual Recipient Meeting, or a site visit.

**Required and/or Desired Skills and Knowledge:**

- Master's degree from a CEPH-accredited, ASPPH-member school/program of public health.

The fellow should:

- Possess strong oral and written communication skills.
- Be self-motivated and coachable.
- Possess skills and ability to organize and synthesize information.
- Possess experience and/or skills in effective communication with colleagues/interpersonal skills.
- Possess at least basic skills in mixed-methods data analysis.
- Understand basic public policy concepts.

## Position #Y4-26-IPC-02

### **CIO and Location:**

National Center for Injury Prevention and Control (NCIPC)  
Atlanta, GA (Chamblee Campus)  
Hybrid (i.e., in-person and telework)

### **Track:**

Health Education (This track includes additional training in areas of responsibility and competencies for health education specialists.)

### **Project Title:**

Supporting the implementation of Overdose Prevention Activities in Local CDC-funded Community, Healthcare, and Public Safety Jurisdictional Settings

### **Project Discipline Area(s):**

Informatics, Evaluation/Monitoring, Program Planning and Development

### **Purpose and Mission of Sponsoring CIO/program:**

Since 1993, the Injury Center has established itself as a leader in protecting Americans from injury and violence. Our mission is to prevent injury, overdose, suicide, and violence across the lifespan through science and action. We work proactively with our partners to track trends, conduct research, raise awareness, and implement prevention programs. Over the past 32 years, the Injury Center has continually evolved and adapted to address the most pressing public health challenges—from suicide and overdose to child abuse and community violence, with a focus on groups of people who are disproportionately at risk. We build partnerships, spearhead research, and implement programs to prevent injury and improve public health.

The Division of Overdose Prevention (DOP) within CDC's Injury Center works to monitor, prevent, and reduce harms associated with drug use, misuse, and overdose. We invest in three key focus areas, with prioritized investments guided by congressional intent, to help us achieve our Division's goals and support our mission. Data sharing, partnerships, and technical assistance are inherent in our approach to operationalizing selected areas of investment.

Our focus areas include:

- Strengthening surveillance of drug-related morbidity and mortality and adverse outcomes related to substance use in states, localities, territories, and tribes.
- Increasing rigorous evaluation, applied research, and opportunities for linking and retaining persons with disproportionate risk for overdose and adverse outcomes related to substance use to harm reduction services, evidence-based treatment, and recovery support services.
- Identifying and addressing shared risk and protective factors associated with substance use initiation and misuse and other comorbidities across the prevention continuum—including mental health and well-being.

### **Project Description:**

The fellow will support qualitative and quantitative data analyses of CDC's investments in large city and county health departments to understand the effectiveness of overdose prevention strategies implemented in OD2A-funded jurisdictions. Analyses may include investment of funds, expansion of workforce capacity, and the nature of prevention strategies. In addition, the fellow will support DOP's OD2A: LOCAL cooperative agreement and/or the Expanding Capacity and Prevention cooperative agreement by providing technical assistance to recipients to ensure projects implement best scientific practices for overdose prevention. They will also help develop and disseminate tools and resources that support the use and evaluation of overdose prevention strategies.

Other responsibilities will include supporting scientific writing of draft manuscripts and developing tools for use

by CDC staff and external partners. The fellow will receive training in overdose prevention science, Implementation Science frameworks/processes, data analysis, policy analysis, and knowledge dissemination.

**Professional Development Opportunities:**

Training opportunities will be available through self-directed online trainings, instructor-led courses at CDC, conference attendance, and/or Recipient Meeting conferences.

We would like the fellow to potentially travel at least once. Travel options may include the RxSummit Conference, the ASPPH annual conference, the Annual Recipient Meeting, or a site visit.

**Required and/or Desired Skills and Knowledge:**

- Master's degree from a CEPH-accredited, ASPPH-member school/program of public health.

The fellow should:

- Possess strong writing skills.
- Be self-motivated.
- Possess skills and ability to organize and synthesize information.
- Possess experience and/or skills in effective communication with colleagues.
- Possess at least basic skills in mixed-methods data analysis.

## Position #Y4-26-BDD-01

### **CIO and Location:**

National Center on Birth Defects and Developmental Disabilities (NCBDDD)  
Atlanta, GA (Chamblee Campus)  
Hybrid (i.e., in-person and telework)

### **Track:**

Core Public Health

### **Project Title:**

Epidemiology of Muscular Dystrophy: Analyses of Existing Data and Development of a New Data Collection Platform

### **Project Discipline Area(s):**

Epidemiology/Surveillance, Informatics

### **Purpose and Mission of Sponsoring CIO/program:**

The mission of the National Center on Birth Defects and Developmental Disabilities (NCBDDD) is to protect America's babies from birth defects, stillbirths, and infant disorders by providing real-world data to understand who is affected, opportunities for prevention, and how to help affected people live their healthiest lives.

The Birth Defects Monitoring and Research Branch in NCBDDD uses a variety of data collection methods to gather information on individuals and families affected by specific rare birth defects and infant disorders. Comprehensive, longitudinal data increases understanding of the lifelong impact of birth defects and infant conditions. This informs and improves care for the child.

### **Project Description:**

The fellow will gain hands-on experience in public health surveillance of muscular dystrophies by analyzing data from the Muscular Dystrophy Surveillance, Tracking, and Research Network (MD STARnet). With mentorship, the fellow will conduct publishable analyses, develop a manuscript, and present findings at internal CDC meetings and, if appropriate, at a scientific conference. The fellow will also work alongside CDC data scientists to help build and document a modern MD STARnet database and related tools.

### **Professional Development Opportunities:**

The fellow will learn about:

- Domestic surveillance systems are utilized to provide reliable population-based insights for rare conditions.
- Muscular dystrophy is a set of rare conditions affecting 1 of every 1,368 people in the United States.
- Real-world evidence (RWE) using information from everyday clinical care and individual choices to answer real questions beyond clinical trials.
- Applied epidemiology and statistical methods: transforming data into actionable information, with the support of two statisticians and several epidemiologists on the team and in consultation with practicing clinicians.
- Manuscript writing: turning solid methods and data into clear, publishable stories that shape clinical practice.
- Presentation skills: learning how to share complex work in clear, confident, and memorable ways, with possible presentations at the branch and division levels.

The fellow may have the opportunity to travel to a scientific or clinical conference.

### **Required and/or Desired Skills and Knowledge:**

- Graduate degree from a CEPH-accredited, ASPPH-member school/program of public health.

- A doctoral degree is preferred, but strong master's candidates will be considered.

The fellow should possess the following knowledge and skills:

- Strong writing, verbal, interpersonal skills, and attention to detail.
- Experience in qualitative or quantitative research using SAS, R, SPSS, NVIVO, or other statistical software.
- Experience with reference management software such as EndNote.
- Experience with REDCap and/or Access is preferable.

## Position #Y4-26-OSH-01

### **CIO and Location:**

National Institute for Occupational Safety and Health (NIOSH)  
Morgantown, WV  
In-Person, Full-Time Remote, or Hybrid (i.e., in-person and telework)

### **Track:**

Core Public Health

### **Project Title:**

Characteristics Associated With Unscheduled Health Care Visits Among Patients With Work-Related Asthma

### **Project Discipline Area(s):**

Epidemiology/Surveillance

### **Purpose and Mission of Sponsoring CIO/program:**

The Respiratory Health Division (RHD) is part of the National Institute for Occupational Safety and Health (NIOSH). RHD conducts research and administers service programs to prevent work-related respiratory disease caused by hazardous occupational agents and to improve workers' respiratory health. The division's research includes:

- Conducting multidisciplinary research to identify work-related respiratory hazards, assess workplace exposures, characterize health risks, and develop and disseminate effective interventions.
- Collecting, analyzing, and disseminating national data to track the burden of work-related respiratory disease.
- Responding to NIOSH Health Hazard Evaluation (HHE) requests for evaluations of potential respiratory risks and providing recommendations for solutions.
- Providing health screening and surveillance services to U.S. coal miners under a program mandated by federal law.

### **Project Description:**

This project will examine the epidemiology of work-related asthma using data from the 2012–2020 Behavioral Risk Factor Surveillance System (BRFSS) Asthma Call-back Survey (ACBS). The project focuses on identifying factors associated with unscheduled health care visits, defined as emergency department visits or hospitalizations, among adults diagnosed with work-related asthma. Analyses will use BRFSS ACBS data from 37 states and the District of Columbia, covering ever-employed adults with asthma. The fellow will calculate age- and sex-adjusted prevalence ratios to assess associations between demographic, occupational, health care access, and asthma-related factors and unscheduled health care utilization.

### **Fellowship Activities and Responsibilities**

The fellow will:

- Manage and analyze BRFSS ACBS datasets.
- Conduct descriptive and analytic epidemiologic analyses using methods appropriate for complex survey designs.
- Calculate and interpret age-adjusted and multivariable-adjusted prevalence ratios.
- Summarize and interpret analytic results.
- Present interim and final findings.
- Prepare written reports and scientific products.
- Conduct literature reviews to support analyses and interpretation.

### **Data and Methods**

BRFSS is the nation's premier system of health-related telephone surveys that collect state-level data on U.S. residents' health risk behaviors, chronic health conditions, and use of preventive services. BRFSS uses a complex survey design to produce representative estimates for the non-institutionalized adult population. As a result, analyses of BRFSS data must use survey-appropriate methods that incorporate weights, strata, and primary sampling units (PSUs).

The fellow will gain experience and professional development that contribute to strengthening the fields of public health and preventive medicine in the United States. Upon completion of the fellowship, the fellow will have:

- Received training in occupational health surveillance methods at the national level;
- Gained first-hand knowledge of the nation's public health system; - Become well-versed in policy issues affecting the public health infrastructure; and
- Personally contributed to an initiative of national importance aligned with the mission of the Centers for Disease Control and Prevention (CDC).

### **Professional Development Opportunities:**

The fellow will receive training and professional development opportunities that may include:

- Orientation to work-related asthma, occupational health surveillance, and the BRFSS Asthma Call-back Survey -Mentorship from CDC epidemiologists in applied epidemiologic methods and scientific writing.
- Opportunities to develop and further strengthen presentation skills through presentations at Branch meetings and national scientific conferences.
- Guidance and support to prepare at least one manuscript for publication in CDC's Morbidity and Mortality Weekly Report (MMWR) and/or a peer-reviewed journal.
- Participation in relevant seminars, webinars, and professional development activities.

The fellow will also have the opportunity to travel to attend and present findings at a national professional conference (e.g., the American Academy of Allergy, Asthma & Immunology [AAAAI] Annual Meeting).

### **Required and/or Desired Skills and Knowledge:**

- Master's degree from a CEPH-accredited, ASPPH-member school/program of public health.

Skills and Qualifications

- Experience in database management and data analysis is desirable - Experience analyzing weighted data from complex sample surveys is especially helpful.
- Prior experience working with state or local health departments and/or CDC projects is a significant plus.
- Proficiency with Microsoft Office and SAS and/or R statistical software is required; more advanced experience with SAS or R is a plus.
- Strong attention to detail and good organizational skills.
- Strong communication and interpersonal skills, as the Fellow will frequently discuss technical analytic issues with CDC epidemiologists.

## Position #Y4-26-LSR-01

### **CIO and Location:**

Office of Laboratory Systems and Response (OLSR)  
Atlanta, GA (Roybal Campus)  
In-Person or Hybrid (i.e., in-person and telework)

### **Track:**

Core Public Health

### **Project Title:**

Evaluating the Efficacy of CDC-Led Clinical and Public Health Laboratory Interventions

### **Project Discipline Area(s):**

Informatics, Evaluation/Monitoring, Program Planning and Development, Data Analytics

### **Purpose and Mission of Sponsoring CIO/program:**

The Office of Laboratory Systems and Response (OLSR) aims to improve public health and patient outcomes by advancing laboratory systems. The vision is to provide exemplary laboratory practice and systems that strengthen clinical care, public health, and emergency response.

The mission of the Division of Laboratory Systems (DLS) is to improve public health and patient outcomes by advancing clinical and public health laboratory quality and safety, informatics and data science, and workforce competency.

Together, these efforts ensure that the nation's 300,000+ certified clinical and public health laboratories can reliably conduct laboratory testing necessary for public health surveillance, emergency response, and patient care.

### **Project Description:**

We are seeking a fellow who can assist in evaluating the impact of DLS's laboratory interventions related to the Clinical Laboratory Improvement Amendments of 1988 (CLIA) Proficiency Testing (PT) requirements, the DLS Genetic Testing Reference Materials Coordination Program (GeT-RM), the Extension for Community Healthcare Outcomes (ECHO) Biosafety sessions, and others. To complete projects, the fellow may be required to generate dashboards, create and disseminate surveys, and use open-source programming languages (e.g., R). DLS personnel will work with the fellow to choose one or more projects described below that align with their skills.

Proposed activities and responsibilities fall under several categories:

- Perform data analyses to assess the impact of recent CLIA regulatory changes for PT. Changes include the addition of required analytes and the tightening of PT acceptance limits. The fellow will perform data analyses to investigate changes in laboratory scores and trends in performance across analytes and by facility type. Analyses will use existing datasets and informatics systems. Impact(s) of regulatory changes will be shared with federal partners.
- Compare CLIA PT requirements for US laboratories to PT requirements globally using a survey of a small sample of PT providers. This project may require developing surveys and coordinating the distribution of results with federal and non-federal partners.
- DLS is interested in the evaluation of ongoing and/or in-development interventions focused on clinical laboratory practices. These include publications and other reports on testing schemas and concordance of healthcare systems with required and voluntary laboratory testing guidelines. The fellow would determine methods to evaluate the impact of division interventions (e.g., publications on laboratory

guideline concordance and reports) at the facility level (e.g., healthcare system) through the state level. This may include literature searches, surveys, or data analyses.

- Evaluating the impact that the GeT-RM program has had on the quality of clinical laboratory testing. The fellow will examine how the outputs (specimens, publication, and related guidance) of GeT-RM are used in laboratories, which sample sets have been the most useful to laboratories, what impact they have had on test development and validation, as well as the benefit to the facility/healthcare system in terms of direct and indirect cost(s). The evaluation should also consider areas for future reference material development and identify areas for program improvements.
- Analyze the impact of ECHO Biosafety monthly sessions to improve clinical and public health laboratory safety practices and operations. The fellow will perform quantitative and qualitative survey data analysis to identify safety gaps and areas for improvement.

#### **Professional Development Opportunities:**

The fellow may participate in a variety of professional development opportunities. DLS's Informatics and Data Science Teams also have additional fellows (e.g., the Public Health Informatics Fellowship Program (PHIFP)) and SMEs (e.g., statisticians and medical officers) who will be available to the fellow to support data-related needs. DLS supports travel to conferences under career development during the fellowship.

#### **Required and/or Desired Skills and Knowledge:**

- Master's degree from a CEPH-accredited, ASPPH-member school/program of public health.
- Must be experienced with evaluation studies involving public health informatics, and knowledge of laboratory systems is important.
- Desired skills include experience generating dashboards and creating and disseminating surveys.
- Knowledge of programming languages such as R, Python, and/or SQL is preferred.

## Position #Y4-26-LSR-02

### **CIO and Location:**

Office of Laboratory Systems and Response (OLSR)  
Atlanta, GA (Roybal Campus)  
Hybrid (i.e., in-person and telework); Full-Time Remote may be permitted

### **Track:**

Health Education (This track includes additional training in areas of responsibility and competencies for health education specialists.)

### **Project Title:**

Planning, Implementing, and Evaluating Quality eLearning Courses for the Clinical and Public Health Laboratory Workforce

### **Project Discipline Area(s):**

Health Education

### **Purpose and Mission of Sponsoring CIO/program:**

The Office of Laboratory Systems and Response (OLSR) provides scientific expertise and technical services to CDC, public health, and clinical laboratories to advance high-quality, safe laboratory science; reliable testing for diseases and harmful exposures; and strong laboratory partnerships for readiness and response.

The mission of the Division of Laboratory Systems (DLS), within OLSR, is to strengthen the nation's clinical and public health laboratory systems by continuously improving quality and safety, data and information science, and workforce competency. DLS's Training and Workforce Development Branch (TWDB) develops quality eLearning courses to strengthen the clinical and public health laboratory and testing workforce. The team that develops eLearning courses needs additional support with course design, development, implementation, and evaluation.

### **Project Description:**

The fellow will collaborate with team and branch members, as well as subject matter experts, to create new and improve existing eLearning courses and related training materials that are engaging, meet our learners' needs, and strengthen the clinical and public health laboratory workforce.

Fellow activities may include, but are not limited to:

- Assessing training needs of laboratory professionals, conducting environmental scans, and performing literature reviews to inform laboratory training content. (HESPA II Area I)
- Designing, developing, and implementing engaging laboratory training and communication materials, including eLearning courses and related infographics, tool kits, and job aids, based on scientific content provided by subject matter experts. (HESPA II Area II, III, and VII)
- Evaluating messaging using appropriate communication theories and models. (HESPA II Area VI)
- Revising and/or updating laboratory training deliverables. (HESPA II Area II)
- Evaluating existing trainings to determine whether they follow best practices and adult learning theory. (HESPA II Area IV)
- Applying professional codes of ethics and demonstrating ethical leadership. (HESPA VIII Area I)

### **Professional Development Opportunities:**

The fellow will gain hands-on work experience, develop specialized training skills, and gain exposure to the day-to-day job duties of health education specialists in CDC's Division of Laboratory Systems. Additionally, the fellow will apply and refine transferable skills, including communication, teamwork, and project management.

The fellow will have the opportunity to reflect on their strengths and weaknesses. They will receive regular feedback from their mentor and will be encouraged to ask questions, participate in, and observe projects across TWDB teams to maximize the benefits of the fellowship experience.

The fellow will receive on-the-job training, attend training sessions, complete a professional development plan, and engage in other professional growth activities.

While the fellow's core responsibilities will not require travel, opportunities may arise for professional development or presenting at conferences.

**Required and/or Desired Skills and Knowledge:**

- Master's degree from a CEPH-accredited, ASPPH-member school/program of public health.
- The fellow's program(s) of study or academic discipline/area should be health education, health promotion, health behavior, community health, public health, or similar focus.
- Fellowship candidates should possess:
  - Knowledge of project planning, implementation, and evaluation, training, needs assessment, ethics, and professionalism.
  - Strong teamwork and communication skills, along with expertise in project and time management.
  - Proficiency in Microsoft 365, including Outlook, Excel, PowerPoint, SharePoint, Word, Teams, and OneDrive.
  - Highly qualified candidates would be familiar with eLearning, learning management systems, and Adobe Captivate.
  - Experience working with clinical or public health laboratory professionals or in a laboratory is of additional value.